

NORRONAFLY

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Boat Buddy
attn: Thomas Thomassen
Fornebu, December 2000

Permagard Recommendation

Use of Permagard Paint and Gelcoat Protection treatment.

NorronaAir has used Permagard P5000 on (2) of our aircraft. First, a (2) year old Cessna 172R having a total of 1200 logged hours, an aircraft which stood outdoors a whole year and was in need of a polish. An aircraft which was to be viewed by potential customers.

Boat Buddy was contracted, and instead of a simple wax polish, they proceeded with their system of paint protection starting with a thorough wash, then the compounding of scratches and finishing with Permagard. The results were surprisingly good especially when the majority of micro scratches were completely gone and deeper scratches in the paint were eliminated.

The customer whom purchased the aircraft commented on the «hydrophobic» shine and terrific finish. Upon testing the aircraft after the treatment, cruise speed was considerably easier to achieve at lower altitudes which are normally only achieved during higher altitudes. Because the preliminary flight was relatively short and occurred at a lower altitude, a realistic measurement of true increase in speed was not acquired. However...

In the second of the two cases, Boat Buddy was again contracted to treat a (3) month old Cessna 172S Millennium Edition. Again, comments towards the surface's shine were noted. On a longer journey and immediately after, the pilot unknowing of the treatment, commented without hesitation that the aircraft was indeed faster than previously.

Based upon my own calculations during test flight, I concluded an increase of cruise speed from 125 to 129 knots, i.e. an increase of 4 knots between the altitude of 4000-6000 feet.

Aside from the increase in cruise speed the aircraft is considerably easier to keep clean. Flies and other insects can now with ease of a damp sponge or cloth be removed after each flight, something which was almost impossible previously.

Durability is good, and after 6 months we are unable to identify any changes to the surface.

I can therefore without hesitation recommend this product, which aside from its higher cost gives more value for the money than normal wax polishing.

Best regards,


Kjetil
Potter Ness
Executive Manager